BEST AVAILABLE COPY

| $\vdash$   | Н        |            | Н  |          |                                     | _ '  |          |                                     | _  | _                                   |   |          |      | ╙              |           |               | -        |            |          |           |          |  | ⊥.  |  |          |          |                    | 1            |          |          | ᆚ          |           |           | 4           |
|------------|----------|------------|--|----------|-------------------------------------|--|----------|-------------------------------------|--|-------------------------------------|---|----------|------|----------------|-----------|---------------|----------|------------|----------|-----------|----------|--|-----|--|----------|----------|--------------------|--------------|----------|----------|------------|-----------|-----------|-------------|
| L          |          |            |  |          |                                     |  | <u> </u> |                                     |  |                                     |   |          |      | 1              |           |               |          |            | Λ        | Col       | ntin     | uec  | o t | n is   | sue :    | Slip     | Ins                | de           | Fi       | le .     | <u>Jac</u> | ket       | <u>t </u> | $\Box$      |
|            |          |            |  |          |                                     |  |          |                                     |  |                                     |   |          |      | H              | ND        | EX            | OF       | CL         |          |           |          |  |     |  |          |          |                    |              |          |          |            |           |           |             |
|            |          |            |  |          |                                     |  |          |                                     |  |                                     |   |          | ai)  |                |           |               |          |            |          |           |          |  |     | -elec  |          |          |                    |              |          |          |            |           |           |             |
| =Allowed + |          |            |  |          |                                     |  |          |                                     |  |                                     |   |          |      | ••••           | inte<br>1 |               |          | O Objected |          |           |          |  |     |  |          |          |                    |              |          |          |            |           |           |             |
| Claim      |          |            | Date   |          |                                     |  |          |                                     | Claim  |                                     |   | Н        | Date |                |           |               |          |            | 1        | Cla       |          | Date   |     |  |          |          |                    |              | _        |          |            |           |           |             |
|            | <u>e</u> |            | 1  |          |                                     |  |          |                                     |  | 1                                   | 1 | Final    | 쿌    |                |           |               |          |            |          |           |          | ŀ  |     |  | Original |          |                    | 1            |          |          |            |           |           | l           |
| Finat      | Original | 1.5        |  |          |                                     |  | l        | l                                   | ı  |                                     | 1 | 夏        | \$   |                |           |               |          |            |          |           |          |  | 1   | Final  | Ď.       |          |                    | -            |          |          |            |           |           | ı           |
| Ĭ.         | δ        | by         | į  |          |                                     |  | l        | l                                   | l  |                                     | ı | Œ        | ō    |                |           |               |          |            |          |           |          |  | 1   | 走  | ō        |          |                    | 1            |          | - 1      |            |           |           |             |
|            | (i)      | 1          | $\vdash$   | Н        | -                                   | <del>                                     </del> | ┰        | Т                                   | T  | Н                                   | 1 | Н        | 51   |                |           |               | -        | Н          | $\vdash$ |           | -        | -  | 1   |  | 101      | 7        | _                  | +            | 寸        | $\dashv$ | $\Box$     | П         | Н         | Н           |
| ┢          | 2        | /          | <del>.                                    </del> | $\vdash$ | ⊢                                   | ⊢  | ⊢        | ⊢                                   | ┢  | ⊢                                   | 1 | $\vdash$ | 52   | $\neg$         |           |               | $\vdash$ | $\vdash$   | $\vdash$ | _         |          | $\vdash$                                     | i   | Н  | 102      | $\dashv$ | $\dashv$           | +            | ┪        | ┪        | $\vdash$   | Н         | Н         | Н           |
| ┢          | 3        | 7          | <del> </del>                                     | ┝        | ┢                                   | ┢  | ┢        | ┢                                   | ┢  | ┢                                   | 1 | $\vdash$ | 53   | $\dashv$       | _         | $\vdash$      | $\vdash$ |            |          | _         | Н        | ┢╾   | 1   | $\vdash$   | 103      | $\dashv$ | 十                  | ┪            | ┪        | ┪        | $\dashv$   | H         | Н         | H           |
| ⊢          | 4        | 5          | ⊢  | ⊢        | H                                   | ⊢  | ⊢        | ⊢                                   | ╆  | ⊢                                   | ┨ | -        | 54   | $\dashv$       |           | _             | -        | H          |          | $\vdash$  | $\vdash$ | -  | 1   | -  | 104      | $\dashv$ | +                  | ╅            | $\dashv$ | $\dashv$ | Н          | H         | Н         | H           |
| ⊢          | 5        | <u> </u>   | ٠,   | ⊢        | $\vdash$                            | ⊢  | ⊢        | ⊢                                   | ┢  | ⊢                                   | ┨ | $\vdash$ | 55   | -              |           | -             | Н        | H          | Н        | _         | $\vdash$ | ⊢  | ł   | Н  | 105      | $\dashv$ | $\dashv$           | ╅            | ╛        | $\dashv$ | $\vdash$   | -         | H         |             |
| ┝          | 6        | 2          |  | ┝        | -                                   | ⊢  | ⊢        | ⊢                                   | ┢  | ⊢                                   | ┨ | $\vdash$ | 58   | -              | $\vdash$  |               |          | H          | $\vdash$ | _         | Н        | $\vdash$                                     | ł   | ⊢  | 106      | $\dashv$ | -                  | +            | -        | $\dashv$ | $\vdash$   | Н         | Н         | ŕ           |
| ⊢          | 7        | 9          | <b> </b> —                                       | ⊢        | ⊢                                   | ⊢  | ⊢        | ⊢                                   | ⊢  | ⊢                                   | ł | $\vdash$ | 57   |                |           | _             | -        | H          | $\vdash$ | _         | _        | ⊢  | 1   | -  | 107      | $\dashv$ | -                  | +            | -        | $\dashv$ | $\vdash$   | Н         | Н         | -           |
| ┡          | 1        |            | 1  | _        | $\vdash$                            | L.   | ┞        | <u> </u>                            | ⊢  | ⊢                                   | 1 | ⊢        |      |                | Н         |               | -        | Н          | <u> </u> | -         | _        | _  | 1   | Н  |          | $\dashv$ | -                  | 4            | -        | -        | Н          | Н         | Н         | L           |
| $\vdash$   | Ğ        | Ľ          | ↓_   | <u> </u> | ⊢                                   | <u> </u>   | <u> </u> | <u> </u>                            | <b>├</b>   | $\vdash$                            | 1 | $\vdash$ | 58   | Щ              | Ш         | <u> </u>      |          | ابا        |          |           | Н        | <u> </u>                                     | 1   | $\vdash$   | 108      |          | -                  | 4            | 4        | 4        | Ш          | Ш         | Ш         | L           |
| $\vdash$   | 9        | L          | ⊢  | $\vdash$ | <del> </del>                        | <u> </u>   | <u> </u> | Ь                                   | ₩  | $\vdash$                            | 1 | -        | 59   | $\blacksquare$ | Щ         | Щ,            | _        | -          | <u> </u> | Щ,        | _        | _  |     | <u></u>  | 109      | $\dashv$ | -                  | 4            | 4        | _        | Ш          | Щ         | Н         | L           |
| <u> </u>   | 10       | L          | <b>L</b>   | 匚        | $\vdash$                            | <u>L</u>   | ╙        | ╙                                   | ــــ   | $\vdash$                            | 1 | $\vdash$ | 60   | Щ              | Ш         | Щ             | Щ        | Щ          | Ш        | $\square$ | Щ        | <b>L</b>                                     | Į   | $\vdash$   | 110      | $\sqcup$ | _                  | 4            | _        | ᅬ        | Ш          | Щ         | Ш         | L           |
| 匚          | 11       | oxdot      | $\vdash$   | <u> </u> | Щ                                   | Щ  | oxdot    | $\vdash$                            | L.   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 1 | $\vdash$ | 61   | Щ              | Ш         | Щ             | Щ        | Ш          |          |           | Щ        | L  | l   | Щ  | 111      | Ц        | $\dashv$           | 4            | _        | ┙        |            | Ш         | Ш         | L           |
| L          | 12       | L          | L-   | <u> </u> | Щ                                   | L  | L        | L                                   | <b>└</b>   | _                                   | 1 | $\vdash$ | 62   |                | Ш         |               |          | Ш          | L.,      |           | Ш        | L.   | 1   | Щ  | 112      | Ш        | $\perp$            | 4            | _        |          |            | ш         | Ш         | L           |
| _          | 13       | <u> </u>   |  | _        | Ш                                   | _  | _        | L                                   | 1_   | <u> </u>                            | 1 | $\vdash$ | 63   |                |           |               |          | Ш          |          |           | L_       | L  | l   | $ldsymbol{ld}}}}}}$ | 113      | $\Box$   |                    | ┙            | 丄        | $\Box$   |            | Ш         | Ш         | L           |
|            | 14       | L          | L  | L        | L                                   | L  | L        | L                                   | ╚  | Ĺ                                   |   | L        | 64   |                |           | لــــا        |          |            | لط       |           |          | ட  | 1   | $\Box$   | 114      |          | $\perp$            | $\perp$      | ╝        | ╝        |            | $\square$ | L         | L           |
| Ĺ          | 15       | Ĺ          | $\Box$   | $\Box$   | L                                   | 匚  |          | Ĺ                                   | $\Box$   | Ĺ                                   |   |          | 65   |                |           |               |          | Ш          |          |           |          | $\Box$                                       | ]   |  | 115      |          | $oldsymbol{\perp}$ | $\mathbf{I}$ |          |          |            |           |           | Ĺ           |
|            | 16       |            |  |          |                                     |  |          |                                     |  |                                     | ] |          | 66   |                |           |               |          |            |          |           |          |  |     |  | 116      |          |                    |              |          | ′        |            |           |           |             |
|            | 17       |            | Г  |          |                                     |  |          |                                     |  |                                     | 1 | Г        | 67   |                |           |               |          |            |          |           |          |  | 1   |  | 117      |          | T                  | Т            | П        | $\Box$   |            |           |           | Г           |
|            | 18       |            | Г  |          |                                     | Г  |          |                                     | П  |                                     | 1 | Г        | 68   |                |           |               |          |            |          |           |          | Г  | ]   |  | 118      | П        | Т                  | Т            | П        | 77       |            |           |           | Г           |
|            | 19       |            | Г  |          |                                     |  |          | Г                                   | Г  | ·                                   | 1 | Г        | 69   |                |           |               |          |            |          |           |          | Г  | 1   |  | 119      |          |                    | 7            |          | ╗        | П          |           | П         |             |
|            | 20       | Г          |  |          |                                     | Г  |          | Г                                   |  |                                     | 1 |          | 70   |                |           | _             |          |            |          |           |          | Г  | 1   |  | 120      |          | 丁                  | 1            |          | ╗        |            |           | 7         |             |
|            | 21       |            |  | Г        |                                     |  | Г        | Г                                   | Г  |                                     | 1 | Г        | 71   |                |           |               |          |            |          |           |          | Г  | 1   |  | 121      | $\neg$   | $\neg$             | 1            | 寸        | ╗        |            |           | П         |             |
| _          | 22       | Г          |  |          | _                                   | ┪  | Г        | Τ.                                  |  | _                                   | 1 | Г        | 72   |                |           | $\overline{}$ | $\Box$   |            |          |           | _        |  | 1   | $\vdash$   | 122      | $\dashv$ | _                  | 7            | 寸        | コ        |            | П         |           | Г           |
| _          | 23       | Г          |  |          |                                     | _  | Т        |                                     | Г  | _                                   | 1 | $\vdash$ | 73   |                |           |               |          |            | П        |           |          | _  | 1   |  | 123      |          |                    | 7            | 寸        | ╗        | П          |           | П         | Г           |
| Т          | 24       |            |  | Н        |                                     | Н  | ┢        | ┢                                   |  | -                                   | 1 | Н        | 74   |                |           | П             |          | _          | _        | _         |          |  | 1   | П  | 124      |          | _                  | 7            | 7        | ┪        | $\Box$     | П         | М         | Г           |
| _          | 25       | $\vdash$   |  | Н        | ┢                                   | Η-   | $\vdash$ | ┢                                   | _  | ┪                                   | 1 | Н        | 75   | $\Box$         | $\neg$    | _             |          | Н          |          | $\vdash$  |          | $\vdash$                                     | 1   | Н  | 125      | 7        | 1                  | ╅            | -        | ┪        | П          | П         | П         |             |
| -          | 26       | $\vdash$   | М  | -        | <u> </u>                            | Н  |          | $\vdash$                            | <del>                                     </del> | -                                   | 1 | H        | 76   | $\Box$         |           |               |          | Н          | _        |           |          | Н  | 1   | Н  | 126      |          | $\dashv$           | ╅            | ┪        | ┪        | П          | П         | П         | г           |
| Ι-         | 27       | $\vdash$   | -  |          | ┢                                   | Ι  | -        | -                                   | ┢╾   | ┢                                   | 1 | ⊢        | 77   |                |           | Н             |          | Н          | Н        | Н         |          | $\vdash$                                     | 1   |  | 127      | $\dashv$ | -                  | +            | ┪        | 一        | П          |           | Н         | Н           |
| ┢          | 28       | $\vdash$   | -  | H        | ┝╌                                  | ┝  | -        | Н                                   | -  | -                                   | 1 | -        | 78   |                |           | Н             | Н        | ⊢          | Н        | _         | -        | $\vdash$                                     | i   | Н  | 128      | -        | _                  | +            | ┪        | ᅥ        |            |           | Н         | Н           |
| -          | 29       | $\vdash$   | ┢  | ┝        | $\vdash$                            | ┝╌   | $\vdash$ | $\vdash$                            | Н  | ⊢                                   | 1 | -        | 79   | $\dashv$       |           | -             | -        | Н          | Н        | -         |          | $\vdash$                                     | ł   | Н  | 129      | $\dashv$ | +                  | +            | ┪        | ┪        | $\dashv$   | Н         | Н         | Н           |
| -          | 30       | ┢          | -  | Η,       | ┝                                   | ⊢  | ┝        | ⊢                                   | ┢  | ⊢                                   | 1 | $\vdash$ | 80   | $\dashv$       |           |               |          | $\vdash$   |          | Н         | ÷        | ┢╾   | ł   | Н  | 130      | -        | -                  | ╅            | ┪        | ┪        | $\vdash$   | Н         | Н         | Н           |
|            | 31       | <b>;</b> — | $\vdash$   | ┢        | $\vdash$                            | ⊢  | $\vdash$ | ⊢                                   | -  | ⊢                                   | 1 | $\vdash$ | 81   | $\dashv$       | -         | Н             | Н        | Н          | $\vdash$ |           | -        | ┢  | 1   | Н  | 131      | $\dashv$ | +                  | ╅            | ┪        | ┪        | $\dashv$   | Н         | Н         | ┝           |
| ⊢          | 32       | -          | 1  | $\vdash$ | -                                   | $\vdash$   | -        | $\vdash$                            | <del>                                     </del> | -                                   | 1 | $\vdash$ | 82   | $\dashv$       |           | H             | -        | Н          | Н        |           | -        | ├  | ł   | Н  | 132      | +        | $\dashv$           | +            | -+       | ┪        | -          | Н         | Н         | $\vdash$    |
| -          | 33       | ⊢          | $\vdash$   | -        | Н                                   | <del> </del>                                     | $\vdash$ | $\vdash$                            | -  | $\vdash$                            | 1 | $\vdash$ | 83   | Н              | $\dashv$  | Н             | -        | Н          | Н        |           | H        | $\vdash$                                     | 1   | Н  | 133      | +        | ╅                  | +            | +        |          |            | Н         | Н         | ┝           |
| ⊢          | 34       | ⊢          | $\vdash$   | Н        | H                                   | ├  | $\vdash$ | ├                                   | -  | ┝                                   | 1 | $\vdash$ | 84   | $\dashv$       | Н         | Н             |          | Н          | Н        |           | Н        |  | 1   | Н  | 134      | -        | +                  | +            | -        |          | $\vdash$   | H         | ┝╾┥       | ⊢           |
| H          | 35       | -          | ₩  | ⊢        | $\vdash$                            | $\vdash$   | -        | Η-                                  | ├  | ├                                   | 1 | $\vdash$ | 85   | $\vdash$       | $\vdash$  | $\vdash$      |          | Н          | Н        |           |          | ⊢  | 1   | Н  | 135      |          | +                  | +            | $\dashv$ | $\dashv$ | Н          | Н         | Н         | Ė           |
| -          | 36       | ⊢          | ⊢  | ┢        | $\vdash$                            | ├-   | -        | ⊢                                   | -  | ⊢                                   | ┨ | $\vdash$ | 86   | $\vdash$       | $\vdash$  | -             | $\vdash$ | Н          | -        | -         | Η-       |  | 1   | Н  | 136      | $\dashv$ | +                  | +            | -        |          | Н          | $\vdash$  | Н         | $\vdash$    |
| ⊢          | 37       | ⊢          | ├  | ऻ        | <del> </del>                        | ⊢  | ├        | ├                                   | ├-   | -                                   | 1 | <b>-</b> | 87   | $\dashv$       | <u> </u>  | $\vdash$      | $\vdash$ | -          |          | $\vdash$  |          | ├-   | ł   | Н  | 137      | $\dashv$ | +                  | ┽            | $\dashv$ | $\dashv$ | $\dashv$   | $\vdash$  | Н         | -           |
| $\vdash$   | 38       | ┝          | ├-   | ┝╌       | $\vdash$                            | ├-   | ⊢        | ├                                   | <del> </del>                                     | -                                   | 1 | <b>—</b> | 88   | $\dashv$       |           | -             | Н        | H          | Ь.       |           | Н        | -  | ł   | $\vdash$   | 138      | $\dashv$ | +                  | +            | $\dashv$ | $\dashv$ | $\dashv$   | H         | $\vdash$  | ⊢           |
| $\vdash$   | 39       | ⊢          | ├-   | ⊢        | -                                   | ├  | ⊢        | <u> </u>                            | $\vdash$   | ⊢                                   | 1 | $\vdash$ | 89   | $\dashv$       | Н         | Ь,            | -        | ┝┈┤        | Η,       |           | -        | -  | 1   | Н  | 139      | -        | +                  | +            | -        | 4        | $\dashv$   | Н         | Н         | $\vdash$    |
| ├          |          | <b>!</b>   | $\vdash$   | $\vdash$ | -                                   | ⊢  | ⊢        | $\vdash$                            | -  | -                                   | 1 | $\vdash$ | 90   | Н              | Н         | Ш             | $\vdash$ | $\vdash$   | Н        | -         | Н        | <u> —                                   </u> | 1   | Н  | 140      |          | +                  | +            | 4        |          |            | H         | H         | H           |
| $\vdash$   | 40       | ⊢          | $\vdash$   | $\vdash$ | <b>—</b>                            | <u> </u>   | ⊢        | -                                   |  | L                                   | 1 | $\vdash$ |      | Ш              | Щ         | $\vdash$      | Щ        | <u> </u>   | ш        | Щ         | Н        | ├  | 1   | Н  | 141      | $\dashv$ | +                  | 4            | -        | 4        | $\dashv$   | H         | Н         | ⊢           |
| <u> </u>   | 41       | -          | -  | <b>—</b> | <b>—</b>                            | <b>L</b>   | <b> </b> | <b> </b>                            | ├-   | <b> </b>                            | 1 | -        | 91   | Н              | Ш         | Н             | $\vdash$ | -          | $\vdash$ |           | $\vdash$ | -  | 1   | Н  |          |          |                    | 4            |          |          | ┝╼┩        | Н         | Н         | ├           |
| L.         | 42       | ⊢          | <u> </u>   | ┞-       | <b> </b>                            | <b>!</b>   | ⊢        | <b> </b>                            | <u> </u>   | -                                   | 1 | <b>—</b> | 92   | Ш              | Щ         | L             | <b> </b> | <b>—</b>   | Ш        |           | $\vdash$ | -  | ł   | $\vdash$   | 142      | $\dashv$ | -                  | 4            | 4        | 4        | Ш          | $\vdash$  | Н         | <b> -</b> - |
| L          | 43       | <u> </u>   | <u> </u>   | <u> </u> | <b>—</b>                            | <b>!</b> —                                       | <b> </b> | ⊢                                   | <del> </del>                                     | <u> </u>                            | 1 | $\vdash$ | 93   | Н              | $\vdash$  | H             | $\vdash$ | $\vdash$   | <u> </u> |           | $\vdash$ | <b>!</b>                                     | ł   | <u></u>  | 143      | $\dashv$ | 4                  | 4            | 4        | _        |            | Щ         | Н         | <u> </u>    |
| L_         | 44       | <u> </u>   | <b> </b>   | L        | <u> </u>                            | <u> </u>   | <u>_</u> | <b>L</b>                            | <b> </b> _                                       | L                                   | 1 | $\vdash$ | 94   | Щ              | Ш         | L.,           | _        | _          |          | Ш         | $\vdash$ | <b> </b>                                     | ł   | $\vdash$   | 144      | $\Box$   | 4                  | 4            | 4        | _        | Ш          | Ш         | Щ         | L           |
| ot         | 45       | L          | ╙  | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | <u> </u> | L                                   | <u> </u>   | L                                   | 1 | $\vdash$ | 95   | Ш              | L         | L.,           | <u> </u> | Щ          |          |           | Ш        | L  | 1   | $\Box$   | 145      | Ц        | _                  | 4            | _        | _        | Ш          |           | Ш         | <u> </u>    |
| L          | 46       | L          | _  | 匚        | Ц                                   | 匚  | <u> </u> | L                                   | <u></u>  | L                                   | 1 | $\vdash$ | 96   | Ш              | Щ         | L             | _        | L.,        |          |           | Ш        | _  | 1   | $\Box$   | 146      | Ц        | $\perp$            | 4            | $\perp$  |          | Щ          |           | Ц         | L           |
| Ĺ          | 47       | L          |  | L        | L                                   | L  | ╚        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L  | _                                   | 1 | $\vdash$ | 97   |                | L         |               |          | L          |          |           |          | Щ  | 1   | $\sqcup$   | 147      |          | $\perp$            | $\perp$      |          |          | Ш          | Ш         | Ш         | L           |
| Ĺ          | 48       | Ĺ          |  |          | L                                   | $oxedsymbol{oxed}$                               | L        |                                     | L  | L                                   | 1 | $\vdash$ | 98   |                | لـــا     |               |          |            |          |           |          | L  | 1   |  | 148      | $\Box$   |                    | ⅃            |          |          |            |           | Ш         | L           |
|            | 49       |            |  | $L^-$    |                                     | L  |          |                                     |  |                                     |   |          | 99   |                |           |               |          |            |          |           |          | L  |     |  | 149      |          | $oxed{oxed{J}}$    | I            | $\Box$   |          |            |           | اعا       | Ĺ           |
| Г          | 50       |            | Г  |          |                                     |  |          |                                     | $\Gamma$   | Ĺ                                   |   |          | 100  |                |           |               |          |            |          |           |          |  | ]   |  | 150      |          |                    | T            | T        |          |            |           |           |             |
|            |          |            |  |          |                                     |  |          |                                     |  |                                     |   |          |      |                |           |               |          |            |          |           |          |  |     |  |          |          |                    |              |          |          |            |           |           |             |

ISSUE SLIP STAPLE AREA (for additional cross-references) **ISSUING CLASSIFICATION** 

CLASS

ORIGINAL CLASS SUBCLASS

INTERNATIONAL CLASSIFICATION

1 1 CROSS REFERENCE(S)
SUBCLASS (ONE SUBCLASS PER BLOCK)

If more than 150 claims or 9 actions staple additional sheet here